

Tuesday, May 20, 1999

Space Shuttle Discovery rolled back to VAB for hail damage repairs



KSC gets ready for 1999 hurricane season

▲ **Doing the Shuttle Shuffle**, Discovery was rolled back on May 16 from Launch Pad 39B to High Bay 1 of the VAB (at right) to repair the hail-inflicted damage on the external tank's outer foam. Only the 13th rollback of a shuttle, repair of Discovery's hail damage is expected to take just a few days. Discovery may return to the pad as early as Thursday, May 20, and be ready for launch no earlier than Thursday, May 27, at 6:48 a.m. EDT.

▲ **Hurricane season begins June 1.** Please ensure that outside area trash, scrap, and debris are cleaned up and/or secured in place before the season begins, and material and equipment such as aircraft stands, platforms, and other items are moved inside. A Center-wide inspection will be conducted Wednesday, May 19, to identify areas requiring attention. The Annual Hurricane Awareness Training will be conducted at 1 p.m., May 25, in the NASA Training Auditorium. All Directorate Hurricane Coordinators are required to attend, and anyone else may attend with supervisor permission. For more information, please contact Wayne Kee via e-mail at Wayne.Kee-1@ksc.nasa.gov.



▲ **The Canadian Space Agency's first contribution** to the International Space Station (ISS), the Space Station Remote Manipulator System (SSRMS) arrived at KSC May 16 to begin prelaunch processing activities. The SSRMS is the primary means of transferring payloads between the orbiter payload bay and the ISS for assembly. The 56-foot robotic arm has three segments comprising two 12-foot booms joined by a hinge. Seven joints on the arm allow for highly flexible and precise movement. Cameras on the booms will permit the astronauts maximum visibility for operations and maintenance tasks on the ISS. The SSRMS is scheduled to be launched in July 2000 on STS-100.

◆ **Road Closure Update** -- Due to the change in launch schedule for STS-96, the construction of S.R. 3 and the 5th Street intersection will continue this week. The righthand southbound lane is being repaved and should be open for use again on Friday for afternoon traffic. KSC Gate 2A is now closed for access to the Child Development Center during the day. Please use alternate routes if possible during this final week of work. **In addition, the eastbound lane of NASA Parkway east of Kennedy Parkway will be closed for resurfacing May 27** at the E avenue intersection. Eastbound drivers will be detoured south on C Avenue to 3rd Street then to E Avenue and north on E to NASA Parkway. If other routes around these areas are available between May 27 and May 31, please use them. For more information, please contact James Lorence via e-mail at James.Lorence-1@ksc.nasa.gov.

◆ **Did You Know?** Use of seat belts is mandatory on KSC and CCAS. Violators are cited and points assessed from their driving record. For more information, please contact Patricia Gamez via e-mail at Patricia.Gamez-1@ksc.nasa.gov.

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